

What is claimed is:

- 5 1. A method for secure enrollment of a device with services of a clearinghouse enrollment server supporting communications completed by an Internet telephony system, comprising the steps:
 - initiating a request by the device to enroll for the services of the clearinghouse enrollment server;
 - 10 verifying an identity of the clearinghouse enrollment server by using a security infrastructure comprising the Secure Sockets Layer (SSL) and a public key infrastructure; and
 - responsive to verifying the identity of the clearinghouse enrollment server, completing enrollment of the device to access the services of the clearinghouse enrollment server.
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2. A method for secure enrollment of a device with services of a clearinghouse server for an Internet telephony system, comprising the steps:
 - obtaining an identity of the clearinghouse server;
 - issuing a CA certificate request from the device to the clearinghouse server
- 5 using the obtained identity;
 - responsive to the CA certificate request, transmitting a CA certificate from the clearinghouse server to the device;
 - determining by the device the verification of the CA certificate;
 - responsive to verification of the CA certificate, generating a combination of
- 10 a private key and a public key and issuing to the clearinghouse server a request from the device for enrollment comprising the public key;
 - responsive to the device enrollment request, generating a public key certificate at the clearinghouse server and transmitting the public key certificate to the device, thereby enabling the device to securely verify the identity of the
- 15 clearinghouse server; and
 - responsive to verifying the identity of the clearinghouse server, completing enrollment of the device to access the services of the clearinghouse server.